

Title (en)

Heat exchanger assembly having a distributor tube retainer tab

Title (de)

Wärmetauscherbaugruppe mit einer Verteilerrohr-Rückhaltetasche

Title (fr)

Ensemble d'échangeur de chaleur présentant une languette de retenue de tube distributeur

Publication

EP 2610571 B1 20170802 (EN)

Application

EP 12198624 A 20121220

Priority

- US 201161581180 P 20111229
- US 201213705411 A 20121205

Abstract (en)

[origin: EP2610571A1] A heat exchanger assembly (20) having an insertable distributor tube retainer tab (100) configured to position and retain a distributor tube (40) disposed within a first manifold (22) extending along an axis A manifold . The first manifold (22) includes a manifold wall (23) having an interior surface (26) defining an interior chamber (27), an exterior surface (29) opposite of the interior surface (26), and a retainer slot (42) connecting the interior surface (26) and the exterior surface (29). The retainer slot (42) extends substantially transverse to the manifold (22) axis A manifold. The retainer tab (100) is inserted through the retainer slot (42) and includes a first tab portion (102) disposed within the interior chamber (27) and a second tab portion (104) engaged to the wall (23) of the first manifold (22), and may also include a third tab portion (106) engaged to a width surface (46) of the retainer slot (42). The retainer tab (100) includes a tab opening (101) configured to engage and maintain the distributor tube (40) within the predetermined position.

IPC 8 full level

F28F 9/02 (2006.01); **F25B 39/02** (2006.01)

CPC (source: EP US)

F28F 9/0131 (2013.01 - US); **F28F 9/0273** (2013.01 - EP US); **F28F 9/0246** (2013.01 - US); **F28F 9/027** (2013.01 - US)

Cited by

FR3061951A1; CN112325673A; WO2018100300A1

Designated contracting state (EPC)

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EP 2610571 A1 20130703; **EP 2610571 B1 20170802**; CN 103185424 A 20130703; CN 108844257 A 20181120; CN 203190718 U 20130911; US 2013168070 A1 20130704; US 9581397 B2 20170228

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